As a below named inventor, I hereby declare

(Application Number)

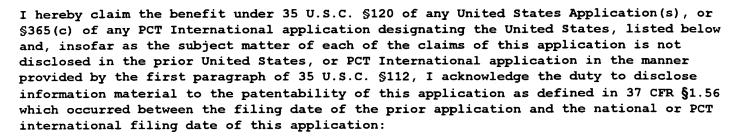
My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL FIBER SPACE TRANSFORMATION

the specification	on of which	(check one)		
is attached he	reto.			
x_ was filed on	26 September	2000 as International Bus	siness Machines Docket No	o. YOR920000440US1
and was amended on		(if applicable)		
_		reviewed and understa he claims, as amended		
-	_	disclose information wance with Title 37, Co		
or §365(b) of an of any PCT Inter United States, i foreign applica	ny foreign rnational a listed belo tion for pa		tent or inventor's o gnated at least one ified below, by chec rtificate, or PCT In	certificate, or §365(a) country other than the cking the box, any aternational
Prior Foreign Appli	cation(s)			Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)		Yes No
(Number)	(Country)	(Day/Month/Year Filed)		Yes No
(Number)	(Country)	(Day/Month/Year Filed)		Yes No
, ,	-	•		
I hereby claim the N	benefit under	35 U.S.C. §119(e) of any U	nited States provisional	application(s) listed below
(Application Number)	(Filing Date)		

(Filing Date)



•		
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
statements made on informati statements were made with the are punishable by fine or in	ion and belief are bel he knowledge that will mprisonment, or both, willful false stateme	of my own knowledge are true and that allieved to be true; and further that these ful false statements and the like so made under Section 1001 of Title 18 of the ents may jeopardize the validity of the
	application and transa	appoint the following attorney(s) and/or act all business in the Patent and and registration number).
(Reg. 26,914), Edward A. Per Redmond, Jr. (Reg. 18,753), 31,596), Kevin M. Jordan (Reg. 32,053), Louis J. Per	nnington (Reg. 32,588) Paul J. Otterstedt (R eg. 40,277), Stephen C cello (Reg. 33,206), J	(Reg. 29,936), Christopher A. Hughes), John E. Hoel (Reg. 26,279), Joseph C. Reg. 37,411), Douglas W. Cameron (Reg. C. Kaufman (Reg. 29,551), Daniel P. Morri Jay P. Sbrollini (Reg. 36,266), David M. B), and Louis P. Herzberg (Reg. 41,500)
Send Correspondence to: FERENCE &	ASSOCIATES, 129 Oakhurst R	load, Pittsburgh, PA 15215
Direct Telephone Calls to: (name a	nd telephone number) <u>Stanl</u>	ey D. Ference III, (412) 781-7386
Mitchell S. Cohen Full name of sole or first	inventor	
ruii name or sole of filst	Inventor	
Inventor's Signature		Date
1870 Baldwin Rd., Apt. 26, Residence	Yorktown Heights, NY 1	10598
USA Citizenship		
Same as above		

Post Office Address



Post Office Address

David P. Gaio	
Full name of second joint-inventor, if any	
1 Jane 1 Jane	10/3/00
Inventor's Signature	Date
1345 Woodland Dr. SW, Rochester, MN 55902	
Residence	
•	
Citizenship	
Same as above	
Post Office Address	
vvillian V Hann	
William K. Hogan Full name of third joint-inventor, if any	
	4/5/
Willian & Argan	10/3/60
Inventor's signature	Date
1033 Foxcroft Circle SW, Rochester, MN 55902	
Residence	
Nestucine.	
USA	
Citizenship	
Same as above	
Post Office Address	
Jeannine M. Trewhella	
Full name of fourth joint-inventor, if any	
Inventor's signature	Date
864 Paulding Street, Peekskill, NY 10566	the later and th
Residence	
· ·	
USA Citizenship	
CI CI Zenonip	
Same as above	

DECLARATION AND POWER OF ATORNEY FOR PATENT APPLICATION APR 2 0 2001 世

As a below named inventor

(Application Number)

hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTTCAT.	FTRER	SPACE	TRANSFORMATION	Ĺ

the specificat	ion of which (ch	eck one)	
is attached	hereto.		
x was filed	on 26 September 2	000 as International Business Machines Docket No. YOR9200004	440US1
and was amended	on	(if applicable)	
-		riewed and understand the contents of the above identifications, as amended by any amendment referred to above.	fied
-	-	close information which is material to the patentability with Title 37, Code of Federal Regulations, Section 1	
or §365(b) of of any PCT Intuited States, foreign application	any foreign appl ernational appli listed below an ation for patent	by benefits under Title 35, United States Code, \$119(a) ication(s) for patent or inventor's certificate, or cation which designated at least one country other the day have also identified below, by checking the box, and or inventor's certificate, or PCT International late before that of the application on which priority is	365(a) an the Y
Prior Foreign Appriority Claimed	-		
Yes No (Number)	(Country)	(Day/Month/Year Filed)	
YesNo (Number)	(Country)	(Day/Month/Year Filed)	
YesNo (Number)	(Country)	(Day/Month/Year Filed)	
I hereby claim t listed below.	he benefit under 3	5 U.S.C. §119(e) of any United States provisional application	(s)
(Application Num	ber)	(Filing Date)	
		•	

(Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR []1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Coulci No.)	(Filing Date)	/Stotus)	(mat ant ad		abandanad)
(Application Serial No.)	(Filing Date)	(Scacus)	(patented,	pending,	abandoned)
(Application Serial No.)	(Filing Date)	(Status)	(patented,	, pending,	abandoned)
I hereby declare that all statements made on informal statements were made with are punishable by fine or United States Code and that application or any patent	tion and belief are belief the knowledge that willfu imprisonment, or both, un t willful false statement	eved to be t ul false sta nder Section	true; and atements a n 1001 of	further and the l Title 18	that these like so made of the
POWER OF ATTORNEY: As a nagent(s) to prosecute this Trademark Office connected	application and transact	t all busine	ess in the	Patent	
Manny W. Schecter (Reg. 31 (Reg. 26,914), Edward A. P. Redmond, Jr. (Reg. 18,753) 31,596), Kevin M. Jordan (Reg. 32,053), Louis J. Pe Shofi (Reg. 39,835), Rober	ennington (Reg. 32,588), , Paul J. Otterstedt (Reg Reg. 40,277), Stephen C. rcello (Reg. 33,206), Jay	John E. Hoo g. 37,411), Kaufman (Re y P. Sbroll	el (Reg. 2 Douglas W eg. 29,551 ini (Reg.	26,279), W. Camero L), Danie 36,266),	Joseph C. on (Reg. ol P. Morris David M.
Send Correspondence to: FEREN	ICE & ASSOCIATES, 129 Oakhur	st Road, Pitt	sburgh, PA	15215	
Direct Telephone Calls to: (na	ume and telephone number) Si	tanley D. Fer	ence III, ((412) 781-	7386
Mitchell S. Cohen Full name of sole or first	inventor				
Inventor's Signature		Date			
1870 Baldwin Rd., Apt. 26,	Yorktown Heights, NY 10	598			
Residence					
USA					
Citizenship					
Same as above					

Post Office Address

David P. Gaio		
Full name of second joint-inventor, if any		
Inventor's Signature	Date	
1345 Woodland Dr. SW, Rochester, MN 55902	33333333	
Residence		
Citizenship		
Same as above		
Post Office Address		
William K. Hogan		
Full name of third joint-inventor, if any		
Inventor's signature	Date	
1033 Foxcroft Circle SW, Rochester, MN 55902		
Residence		
USA		
Citizenship		
-		
Same as above		
Post Office Address		
Jeannine M. Trewhella		
Full name of fourth joint-inventor, if any	, ,	
Jeannine M Trewhlla	3/22/01	
Inventor's signature	Date	
864 Paulding Street, Peekskill, NY 10566		
Residence		
USA		
Citizenship		
Same as above		
Post Office Address		

As a below named inventor, I hereby declars that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL FIBER S	BPACE TRANSFORM	ATION
the specificati	ion of which (c	sheck one)
is attached	hereto.	
was filed n	ns <u>26 September</u>	2000 as International Business Machines Docket So. YOR920000440UBI
and was amended (on	(if applicable)
I hereby state specification,	that I have re including the	viewed and understand the contents of the above identified claims, as amended by any amendment referred to above.
I acknowledge to this application	the duty to dis	close information which is material to the patentability of e with Title 37, Code of Faderal Regulations, Section 1.56.
of any PCT Inte United States, foreign applica	my foreign applicational applicated below a strong for paten	ty benefits under Title 35, United States Code, \$119(a)-(d) lication(s) for patent or inventor's certificate, or [365(a) ication which designated at least one country other than the nd have also identified below, by checking the box, any t or inventor's certificate, or PCT International date before that of the application on which priority is
Prior Foreign App. Priority Claimed	lication(e)	
Yes	(Country)	(Day/Month/Year Filed)
Yes Ho (Number)	(Country)	(Day/Month/Year Filed)
Yes (Sumber)	(Country)	(Day/Nonth/Year Filed)
I hereby claim the listed below.	e benefit under 3	35 U.S.C. \$119(a) of any United States provisional application(a)
(Application Numbe	er)	(Filing Date)
(Application Number	er)	(Filing Date)



(Application Serial No.)

I hereby claim the benefit under 35 U.S.C. \$120 of any United States Application(s), or \$365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. \$112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR []1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application;

(Application Serial No.)	(Filing bate)	(Status) (patented, pending, shandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abendoned)
I harahy dealers the state of		
Statements made on information	scements made herein o	f my own knowledge are true and that all
Statements were made with the	on and Deller are belie	I my own knowledge are true and that all eved to be true; and further that these
are punishable by fine or (me	tricommend on that wills	eved to be true; and further that these ul false statements and the like so made nder section 1001 of Title 18 of the
		nder section 1001 of Title 18 of the ts may jeopardise the validity of the
application or any patent iss	wed thereon.	os may jeopardise the validity of the
POWER OF ATTORNEY: As a name	id inventor I hovebe	opoint the following attorney(s) and/or
agent(s) to prosecute this ap	plication and transact	ppoint the following attorney(s) and/or tall business in the Patent and
Trademark Office connected th	erewith (list name end	registration number),
Manny W. Schecter (Reg. 31,72	2), Torry J. Tlends st	keg. 29,936), Christopher A. Hughes
(Reg. 26,914), Edward A. Penn	ington (Reg. 32.588)	John E. Roel (Reg. 26,279), Joseph C.
Redmond, Jr. (Reg. 18,753), P	aul J. Otterstedt (Rec	John E. Roel (Reg. 26,279), Joseph C. J. 37,411), Douglas W. Cameron (Reg.
31,596), Kevin M. Jordan (Reg	. 40,277}, Stephen C.	7. 37,411), Douglas W. Cameron (Reg. Kaufman (Reg. 29,551), Daniel P. Morris
(Reg. 32,053), Louis J. Perce	110 (Rag. 33,206), Jay	Raufman (Reg. 29,551), Daniel P. Morris P. Sbrollini (Reg. 36,266), David M.
BESTI (Reg. 39,835), Robert M	. Trepp (Reg. 25,933),	P. Sbrollini (Reg. 36,266), David M. and Louis P. Hersberg (Reg. 41,500)
		, , , , , , , , , , , , , , , , , , , ,
send Correspondence to separate	A AGONOTINES ASSOCIA	
Send Correspondence to: FERENCE	ABBULLATER, 129 Cakhura	t Boad, Pittsburgh, PA 15215
Direct Telephone Calle to: (neme		
The state of the s	ing carebyone number) Sti	enley D. Ference III, (412) 781-7386
Mitchell S. Cohen		
Full name of sole or first in	rentor	
The think I calm		No. 1
Inventor's Signature		March 12, 2001
- Pagnacare		Date
1870 Baldwin Rd., Apt. 26, You	Oktown Heighte, wy som	0.0
Residence	TOOLS TOOLS	98
USA		
Citizenship		
		
Same as above		
Post Office Address		
	_	•

David P. Gaio	•	
Full name of second joint-inventor, if any		
Inventor's Signature	Date	
1345 Woodland Su Ott harten		•
1345 Woodland Dr. SW, Rochester, MN 55902 Residence	<u> </u>	
MODICE .		
	•	
Citizenship		
Same as above		
Post Office Address		
William K. Hogan		
Full name of third joint-inventor, if any		Vin -12-17-18-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
•		
Inventor's signature	Date	
1022 Barranada di una amana		
1033 Foxcroft Circle SW, Rochester, MN 55902 Residence	*	
VARITAGE A		
USA		
Citizenship		
Same as above		
Post Office Address		
Jeannine M. Trewhella		
Full name of fourth joint-inventor, if any		
•		
Laventor's signature	Date	
164 Thursday Charles and Alexander		•
864 Paulding Street, Peekskill, MY 10566		
		
JBA ,		
itizenship		
	 _	
Same as above		
Post Office Address		